



Through Regd. AD

दूर की सोच<sup>®</sup>  
01<sup>st</sup> June, 2020

MIN / 2020 – 20111

To,  
Director  
Ministry of Environment & Forests  
Regional Office, Western Region  
Kendriya Paryavaran Bhavan  
Link Road No. 3  
E - 5, Ravishankar Nagar  
Bhopal – 462 016

Sub: Compliance report of additional limestone deposit over 66.434 ha area at village Manakahari, Tehsil Rampur Baghelan, Dist. Satna of M/s Prism Johnson Ltd.

Ref: Your letter no. J - 11015 / 8 / 2000 - I A. II (M) dated 14.2.2001.

Dear Sir,

We are sending enclosed herewith the six monthly compliance report (Period of Oct-19 to Mar-2020) of the environmental clearance granted for additional limestone deposit at village Manakahari, Tehsil Rampur Baghelan, Dist. Satna (M.P.) vide the letter no. J-11015/8/2000-IA. II (M) dated 14.2.2001 along with necessary enclosures.

We hope you will find the same in order.

Thanking you.

*Shashi*  
01/06/2020  
Yours faithfully,

For, Prism Johnson Ltd.

**PRISM JOHNSON LIMITED**  
(FORMERLY PRISM CEMENT LIMITED)  
(Cement Division)

Works Village Mankahari, P.O - Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600  
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726  
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.  
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CIN: L26942TG1992PLC014033



**COMPLIANCE OF CONDITIONS AS STIPULATED BY MoEF VIDE LETTER NO. J - 11015 / 8 / 2000 - I A. II (M) DATED 14.2.2001 FOR ADDITIONAL LIMESTONE DEPOSIT OVER 66.434 HECT. AREA IN VILLAGE MANAKAHARI, TEHSIL RAMPUR BAGHELAN, DIST. SATNA (M.P.)**

The environmental clearance would be applicable **66.434 hect.** lease area

**A. Specific Conditions :**

- (i) Mining should be carried out 500 m away from the Rewa – Satna railway track. ⇒ We have not carried out any mining activities within 500 m.
- (ii) The topsoil should be stacked properly with adequate measures at earmarked site. It should be used for reclamation and rehabilitation of mined out area. ⇒ Topsoil is being used for reclamation and rehabilitation of the mined out area. No outside stacking is being done.
- (iii) OB dumps should be stacked at earmarked dump site(s) only on temporary basis. Concurrent back – filling and reclamation should be carried out from the 3<sup>rd</sup> year of operations. ⇒ Reclamation of the mined out area has been started from 3<sup>rd</sup> year of operations as stipulated in the condition. 12.83 Ha. of mined out area has been reclaimed up to March 2020.
- Total 32930 CuM waste rock generated from October 2019 to March 2020 to be used in backfilling of the mined out area.
- (iv) A green belt of adequate width by planting the native plant species all around the ML area, roads, OB dump sites etc. should be raised in consultation with local DFO / Agriculture Department. ⇒ Green belt of adequate width is being developed. Year wise details of the plantation carried out so far are given in **Annexure I**.
- A rose garden has been developed in the colony.
- A nursery has also been developed where various types of saplings are prepared for plantation.
- Saplings planted April 2019 to March 2020 were 1000 and cumulative plantation till October 2019 is 23556.
- (v) Drill should be operated with dust extractors or only wet drilling should be adopted. ⇒ Drill machine IBH 10 of Atlas Copco is in operation. This machine is fitted with water sprinkler that settles the dust generated at the time of drilling and thus prevents it from going into the atmosphere.
- (vi) Controlled blasting should be carried out. ⇒ Controlled blasting is being practiced.
- (vii) Check dam and siltation ponds of ⇒ Garland drain and siltation pond have

appropriate size should be constructed to arrest silt and sediments flow from OB and mineral dumps. The water so collected should be utilized for watering mine area, roads, greenbelt, etc. The drains should be regularly desilted and maintained properly.

been constructed to arrest the silt and sediment flow.

(viii) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring should be done four times a year– pre-monsoon April / May, Monsoon (August), Post–monsoon (November) and winter (January). Data thus collected should be sent at regular intervals to MoEF.

⇒ Being done.

Ground water level monitoring data of post -monsoon (Month wise), have been given in **Annexure II**.

Quality monitoring report of the ground water of the wells/bore holes is given in **Annexure III**.

(ix) Crusher should be installed and operated with adequate capacity de-dusting arrangement

⇒ Crusher has already been installed with adequate capacity of de-dusting arrangement like bag - filters. Continuous water sprinkling arrangement at crusher hopper has also been made for suppressing the dust generated during unloading of the mineral in crusher hopper.

(x) A detailed mine decommissioning plan should be submitted to MoEF 5 year in advance for approval.

⇒ Will be submitted.

## **B. GENERAL CONDITIONS**

(i) No change on mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.

⇒ No change have been made.

(ii) No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made.

⇒ No change have been made.

(iii) Four ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO<sub>2</sub>, NO<sub>x</sub> and CO monitoring. Location of the ambient air quality stations should be decided based on the meteorological data, topographical features and environmentally sensitive targets in consultation with the State Pollution Control Board.

⇒ Four different monitoring stations are established and air quality is monitored twice a month.

(iv) Data of ambient air quality should be regularly submitted to the Ministry including its Regional Office at Bhopal and the State Pollution Control Board / Central Pollution

⇒ Being done regularly and submitted to the ministry and other government agencies. Ambient air quality monitoring results from October 2019

Control Board once in six months.

to March 2020 have been given in **Annexure IV.**

- (v) Adequate measures for control of fugitive emissions should be taken during drilling and blasting operations, loading and transportation of minerals etc. ⇒ Adequate measures for control of fugitive emission are being taken during drilling and blasting operations, loading and transportation of mineral etc.
- Drill machine is operated with in-built dust extractor, which arrests the dust generated during the drilling operation.
  - Water sprinkling is done on the blasted muck after blasting to reduce the dust generation during the loading operation.
  - Water spraying is continuously done on haul roads.
- (vi) Adequate measures should be taken for control of noise levels below 85 dB in the work environment. ⇒ Being taken.
- Noise monitoring reports from October 2019 to March 2020 have been given in **Annexure –V.**
- (vii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. ⇒ Personal protective equipments are being provided to all personnel working in dusty area at regular intervals.
- Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposures to dust and take corrective measures, if needed.
- Time to time, training and information on health and safety aspects are being imparted by the HRD Deptt. as well as at vocational training centre of the Deptt.
- All employees undergo periodical medical examination under Mines Act at regular intervals.
- (viii) The funds earmarked for environmental protection measures should be kept in separate account and not diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment & Forests. ⇒ Environmental Expenditure of 2019-20
- |   | Particulars              | Expenditure (In lakh) |
|---|--------------------------|-----------------------|
| 1 | Air Pollution Monitoring | 0.24                  |
| 2 | Noise Monitoring         | 0.1                   |
| 3 | Plantation               | 4.94                  |
| 4 | Dust Control Measure     |                       |
|   | Total                    | 5.24                  |
- (ix) The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The ⇒ Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent.

project authority should send one set of EIA / EMP Report and Mining Plan to them and extend full co – operation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring report.

Co-operation is being extended to the inspecting Officials.

- (x) The Project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environment & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work. ⇒ Agreed
- (xi) A copy of the clearance letter will be marked to concerned Panchayat / Local NGO, if any, from whom any suggestion / representation has been received while processing the proposal. ⇒ Agreed
- (xii) State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office / Tehsildar's Office for 30 days. ⇒
- (xiii) The Project authority should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and the copy of the clearance letter is available with the state Pollution Control Board and may also be seen at the web site of the Ministry of Environment and Forests at <http://envfor.nic.in>. ⇒ The advertisement was published in two of the local newspapers viz. 'Dainik Bhaskar' and 'Naw Swadesh' which was earlier informed vide our letter no. MIN / 104 / 5820A dated 27.3.02.

Annexure-01

**PRISM JOHNSON LIMITED, SATNA(M.P.)**  
SUMMARY OF AFFORESTATION ,Lease Area,66.434 Ha

S.No.	Year	ML area 66.434 Ha.	Green Belt /Clony/CSR
		No. of Plants	
1	2001 - 02	1132	0
2	2002 - 03	1937	449
3	2003 - 04	3522	4387
4	2004 - 05	982	571
5	2005 - 06	739	0
6	2006 - 07	1300	0
7	2007 - 08	720	600
8	2008 - 09	1104	4000
9	2009 - 10	1000	2330
10	2010 - 11	1640	7258
11	2011 - 12	1400	3698
12	2012 - 13	800	3100
13	2013 - 14	680	2740
14	2014 - 15	1600	2566
15	2015 - 16	1000	3200
16	2016 - 17	1000	37876
17	2017 - 18	1000	10000
18	2018 - 19	1000	15000
19	2019 - 20	1000	43364
<b>Total</b>		<b>23556</b>	<b>141139</b>

# ECOMEN LABORATORIES PVT. LTD.

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E-mail: ravi.bhargava@gmail.com, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1Z1

**ecoMen**  
LABORATORIES PVT. LTD.

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO:ECO LAB/DW6/01/20

TEST REPORT ISSUE DATE: 10.02.2020

## TEST REPORT OF DRINKING WATER\*

Name of the Company : M/s. Prism Johnson Ltd.

Address of the Company : Village Mankahari,  
Tehsil Rampur Baghelan  
Distt.Satna (M.P.)

Sampling Method : APHA/ IS: 3025

Sample Collected by : Mr.Ashok

Sample Quantity : As per requirement.

Date of Sampling : 30.01.2020

Date of Receiving : 31.01.2020

Date of Analysis : 31.01.2020 to 10.02.2020

Source of Sample : Mankahari Village – Hand Pump

Sl No.	TESTS	PROTOCOL	RESULT	Detection Range	INDIAN STANDARDS as per IS 10500:1991(Reaff:2012)	
					Desirable	Permissible
1.	Colour (Hazen unit)	APHA, 23 <sup>rd</sup> Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 <sup>rd</sup> Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 <sup>rd</sup> Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 <sup>rd</sup> Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 <sup>rd</sup> Ed. 2017, 4500H+ A+B	7.33	2.0 -12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2540-C	610.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2320 A+B	166.0	5-1500	200	600
8.	Total Hardness as CaCO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2340 A+C	325.20	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Ca A+B	91.38	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Mg A+B	23.40	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 Cl A+B	68.0	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-C	0.56	0.05-10	1.0	1.5
13.	Sulfate as SO <sub>4</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	137.4	1.0 -250	200.0	400.0
14.	Nitrate Nitrogen as NO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-NO <sub>3</sub> <sup>-</sup> B	16.80	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	0.21	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax.
19.	Nickel as Ni (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax.
20.	Arsenic as As (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 - A +B	BDL	0.04-10	0.05	No Relax.
22.	Mercury as Hg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017 (3111-A+B)	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H <sub>2</sub> S (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax.
28.	Iodide as I (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 - IB	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Fe B	0.24	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221 B+C	Absent	1.8	Absent	Absent
31.	E.coli (Nos/100)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221B+E	Absent	1.8	Absent	Absent

\*The result are related only to item tested.

BDL = Below Detection Limit

*Archana*  
Analyst

*Jay*  
Authorized signatory of  
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*For A*  
Quality Manager

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ecoMen  
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An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

FORMAT NO. ECO/QS/FORMAT/09

TEST REPORT NO:ECO LAB/DW7/01/20

TEST REPORT ISSUE DATE: 10.02.2020

## TEST REPORT OF DRINKING WATER\*

Name of the Company : M/s. Prism Johnson Ltd.  
Address of the Company : Village Mankahari,  
Tehsil Rampur Baghelan  
Distt.Satna (M.P.)  
Sampling Method : APHA/ IS: 3025  
Sample Collected by : Mr.Ashok  
Sample Quantity : As per requirement.  
Date of Sampling : 30.01.2020  
Date of Receiving : 31.01.2020  
Date of Analysis : 31.01.2020 to 10.02.2020  
Source of Sample : PCL Colony Supply Water – Bore Well

Sl. No.	TESTS	PROTOCOL	RESULT	Detection Range	INDIAN STANDARDS as per IS 10500:1991(Reaff:2012)	
					Desirable	Permissible
1.	Colour (Hazen unit)	APHA, 23 <sup>rd</sup> Ed. 2017, 2120 B	<5.0	5-100	5.00	15.0
2.	Odour	APHA, 23 <sup>rd</sup> Ed. 2017, 2150 B	Agreeable	Qualitative	Agreeable	Agreeable
3.	Taste	APHA, 23 <sup>rd</sup> Ed. 2017, A+B	Agreeable	Qualitative	Agreeable	Agreeable
4.	Turbidity as (NTU)	APHA, 23 <sup>rd</sup> Ed. 2017, 2130-A+B	BDL	1 - 100	1.0	5.0
5.	pH	APHA, 23 <sup>rd</sup> Ed. 2017, 4500H+ A+B	7.18	2.0-12	6.5-8.5	No Relax.
6.	Total Dissolved Solids as TDS (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2540-C	548.0	5 - 5000	500	2000
7.	Alkalinity (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2320 A+B	152.0	5-1500	200	600
8.	Total Hardness as CaCO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 2340 A+C	270.08	5-1500	200.0	600.0
9.	Calcium as Ca (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Ca A+B	68.34	5 - 1000	75.0	200.0
10.	Magnesium as Mg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Mg A+B	24.16	5-1000	30.0	100.0
11.	Chloride as Cl (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 Cl A+B	48.80	5-1000	250.0	1000.0
12.	Fluorides as F (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-C	0.48	0.05-10	1.0	1.5
13.	Sulfate as SO <sub>4</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	134.0	1.0-250	200.0	400.0
14.	Nitrate Nitrogen as NO <sub>3</sub> (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-NO <sub>3</sub> B	14.28	5.0 - 100	45.0	No Relax.
15.	Manganese as Mn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.1-5	0.10	0.30
16.	Zinc as Zn (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	0.26	0.02-50	5.0	15
17.	Lead as Pb (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.01-2	0.01	No Relax.
18.	Cadmium as Cd (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.002-2	0.003	No Relax.
19.	Nickel as Ni (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.02-5	0.02	No Relax.
20.	Arsenic as As (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3114 C	BDL	0.01-2	0.01	0.05
21.	Total Chromium as Cr (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 - A +B	BDL	0.04-10	0.05	No Relax.
22.	Mercury as Hg (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3112 A+B	BDL	0.001-1	0.001	No Relax.
23.	Copper as Cu (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3111 A+B	BDL	0.05-5	0.05	1.5
24.	Boron as B (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 B A+C	BDL	0.2 - 10	0.5	1.0
25.	Aluminium as Al (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017 (3111-A+B)	BDL	1.0-100	0.03	0.2
26.	Free Residual Chlorine (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500-Cl B	BDL	0.5-10	0.20	1.0
27.	Sulphide as H <sub>2</sub> S (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, Reprint 2007	BDL	0.04-10	0.05	No Relax.
28.	Iodide as I (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 4500 - 1B	BDL	0.1-10	-	-
29.	Iron as Fe (mg/l)	APHA, 23 <sup>rd</sup> Ed. 2017, 3500 Fe B	0.18	0.02-50	0.3	No Relax.
30.	Total coliform (MPN/100 ml)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221 B+C	BDL	1.8	Absent	Absent
31.	E.coli (Nos/100)	APHA, 23 <sup>rd</sup> Ed. 2017, 9221B+E	BDL	1.8	Absent	Absent

\*The result are related only to item tested.

BDL = Below Detection Limit

*Anshu*  
Analyst

*Jay*  
Authorized signatory  
Ecomen Laboratories Pvt. Ltd.  
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*For A.*  
Quality Manager

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An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

FORMAT NO. ECO/QS/FORMAT/23 REPORT NO: ECO LAB/Piezo/GW/01/20

REPORT ISSUE DATE: 10.02.2020

## REPORT OF WATER LEVEL MEASUREMENT

Name of the Customer : M/s. Prism Johnson Ltd.  
Address of the Customer : Village - Mankahari,  
Tehsil - Rampur Baghelan  
Distt.Satna (M.P.)  
Measurement by : Mr. Ashok  
Date of Measurement : January 30<sup>th</sup>, 2020

Sl. No.	Piezometer Name.	Water Level (meter)
1.	Behind C block	6.1
2.	In front Den	5.6
3.	Behind B block	14.9
4.	Near colony gate	13.8
5.	Near Crusher	15.3

  
Analyst

  
Authorized signatory,  
Ecomen Laboratories Pvt. Ltd.  
Flat No.-8, 2nd Floor, Arif Chamber-V,  
Sector-H, Aliganj, Lucknow-226024  
Ph.-2746282, Fax:2745726

  
Quality Manager



**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - NOVEMBER YEAR-2019**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAJUTI & SJAHATA  
POST : BATHIA  
DISTT : SATNA (M.P.) - 485111
2. NAME OF PERSON PREPARED THE REPORT : Sumitabh Dwivedi
3. AMBIENT AIR QUALITY MONITORING  
1. DURATION : 8X3=24 Hrs.  
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)  
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area  
LOCATION (3) - Near Mankahari Village  
LOCATION (4) - Near Hinouti Village
3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl	Date	Location (1)							Location (2)							Location (3)							Location (4)						
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	Wind Direction		
1	09.11.19	26.66	58.49	15.46	25.88	BDL	25.97	60.98	15.19	24.27	BDL	23.92	54.66	13.25	18.87	BDL	23.92	54.66	13.25	18.87	BDL	23.92	54.66	13.25	18.87	BDL	BDL	SE	
2	23.11.19	27.62	59.46	17.01	28.31	BDL	27.27	56.08	14.58	25.62	BDL	23.14	52.41	12.15	21.03	BDL	24.09	55.43	13.88	22.92	BDL	24.09	55.43	13.88	22.92	BDL	BDL	SE	

  
Sumitabh Dwivedi  
Manager- Environment  
Prism Johnson Ltd. Satna (M.P.)

  
Manoj Kumar Kashyap  
Sr. General Manager  
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - DECEMBER YEAR-2019**

1 NAME & ADDRESS OF FACTORY  
 : PRISM JOHNSON LTD  
 PRISM CEMENT LIMESTONE MINES  
 VILLAGE: MANKAHARI, HINAUTI & SUAHATA  
 POST : BATHIA  
 DISTT : SATNA (M.P.)-485111

2 NAME OF PERSON PREPARED THE REPORT  
 : Sumitabh Dwivedi

3 AMBIENT AIR QUALITY MONITORING  
 1. DURATION : 8X3=24 Hrs.  
 2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BF No. 18)  
 LOCATION (2) - Near Western Side ML boundary (Pillar No. 14) of ML area  
 LOCATION (3) - Near Mankahari Village  
 LOCATION (4) - Near Hinouti Village

3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl	Date	Location (1)						Location (2)						Location (3)						Location (4)						Wind Direction	
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	Wind	Direction
1	06.12.19	25.97	56.24	16.2	26.96	BDL	23.25	55.15	15.46	25.88	BDL	21.09	53.19	13.88	20.22	BDL	24.75	52.77	14.58	23.37	BDL	24.75	52.77	14.58	23.37	BDL	NW
2	20.12.19	28.7	59.63	17.01	30.33	BDL	27.27	57.37	16.2	27.5	BDL	24.27	56.72	14.17	22.06	BDL	25.25	54.44	14.58	24.27	BDL	25.25	54.44	14.58	24.27	BDL	SE

BDL - Below Detectable Limit

  
 Sumitabh Dwivedi  
 Manager- Environment  
 Prism Johnson Ltd. Satna (M.P.)

  
 Manoj Kumar Kashtwarp  
 Sr. General Manager  
 Prism Johnson Ltd. Satna (M.P.)



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**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - JANUARY YEAR-2020**

1. NAME & ADDRESS OF FACTORY

: PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTI & SUAHATA  
POST : BATHIA  
DISTT : SATNA (M.P.)-485111

2. NAME OF PERSON PREPARED THE REPORT

: Sumitabh Dwivedi

3. AMBIENT AIR QUALITY MONITORING

1. DURATION

2. DISTANCE FROM FACTORY

: 8X3-24 Hrs.

: LOCATION(1) - SW (BP No. 18)

: LOCATION(2) - Near Western side ML boundary (Pillar No. 14) of ML area

: LOCATION(3) - Near Mankalari Village

: LOCATION(4) - Near Hinouti Village

3. WIND DIRECTION

: MENTIONED IN THE TABLE

Sl	Date	Location (1)						Location (2)						Location (3)						Location (4)						Wind Direction	
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	SE	SW
1	07.01.20	27.77	59.07	17.01	27.5	BDL	29.55	61.95	16.2	26.29	BDL	23.72	53.49	12.15	22.06	BDL	25.25	58.8	14.17	24.27	BDL	45.86	14.58	25	BDL	SE	SW
2	21.01.20	26.45	45.56	18.9	29.42	BDL	27.64	49.05	16.2	27.73	BDL	23.8	41.36	13.25	23.11	BDL	24.75	45.86	14.58	25	BDL	45.86	14.58	25	BDL	SE	SW

BDL - Below Detectable Limit

Sumitabh Dwivedi  
Manager - Environment  
Prism Johnson Ltd. Satna (M.P.)

  
Manoj Kumar Kishypp  
Sr. General Manager  
Prism Johnson Ltd. Satna (M.P.)

**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - FEBRUARY YEAR-2020**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTI & SIJAHATA  
POST: BATHIA  
DISTT: SATNA (M.P.) - 485111
2. NAME OF PERSON PREPARED THE REPORT : Sumitabh Dwivedi
3. AMBIENT AIR QUALITY MONITORING  
1. DURATION : 8X3=24 Hrs.  
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)  
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area  
LOCATION (3) - Near Mankahari Village  
LOCATION (4) - Near Hirouti Village
3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl	Date	Location (1)						Location (2)						Location (3)						Location (4)						Wind			
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	From	To		
1	06.02.20	28.73	55.01	16.2	29.12	BDL	30	59.67	15.46	30.33	29.42	BDL	23.04	54.59	13.5	20.59	BDL	26.31	56.12	13.88	25.17	BDL	24.85	45.17	14.17	26.29	BDL	SE	SW
2	20.02.20	29.85	50.11	17.67	28.31	BDL	28.03	52.24	16.2	29.42	BDL	24.03	41.6	12.15	21.57	BDL	24.85	45.17	14.17	26.29	BDL	24.85	45.17	14.17	26.29	BDL	SE	SW	

BDL - Below Detectable Limit

Sumitabh Dwivedi  
Manager- Environment  
Prism Johnson Ltd, Satna (M.P.)

Manoj Kumar Kashyap  
Sr. General Manager  
Prism Johnson Ltd, Satna (M.P.)

Sumitabh Dwivedi

Manoj Kumar Kashyap

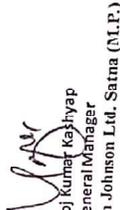
**AIR QUALITY MONITORING REPORT FOR MINES  
MONTH - MARCH YEAR-2020**

1. NAME & ADDRESS OF FACTORY : PRISM JOHNSON LTD  
PRISM CEMENT LIMESTONE MINES  
VILLAGE: MANKAHARI, HINAUTI & SJIAHATA  
POST : BATHIA  
DISTT : SATNA (M.P.)-485111
2. NAME OF PERSON PREPARED THE REPORT : Sumitabh Dwivedi
3. AMBIENT AIR QUALITY MONITORING  
1. DURATION : 8X3=24 Hrs.  
2. DISTANCE FROM FACTORY : LOCATION (1) - SW (BP No. 18)  
LOCATION (2) - Near Western side ML boundary (Pillar No. 14) of ML area  
LOCATION (3) - Near Mankahari Village  
LOCATION (4) - Near Hinauti Village
3. WIND DIRECTION : MENTIONED IN THE TABLE

Sl	Date	Location (1)						Location (2)						Location (3)						Location (4)						Wind		
		PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	PM2.5 ug/M3	PM10 ug/M3	SO2 ug/M3	NOX ug/M3	CO ug/M3	BDL	BDL	BDL	Direction
1	05.03.20	21.64	54.55	12.15	17.32	BDL	23.8	64.06	13.88	20.22	BDL	22.63	53.96	13.88	22.92	BDL	22.83	43.7	14.58	25.17	BDL	25.07	47.65	14.17	23.11	BDL	BDL	NE
2	19.03.20	18.64	59.91	11.04	17.79	BDL	25.1	58.81	15.19	25	BDL	24.03	48.45	15.19	25	BDL	25.07	47.65	14.17	23.11	BDL	25.07	47.65	14.17	23.11	BDL	BDL	NE

BDL - Below Detectable limit

  
Sumitabh Dwivedi  
Manager-Environment  
Prism Johnson Ltd, Satna (M.P.)

  
Manoj Kumar Kashyap  
Sr. General Manager  
Prism Johnson Ltd, Satna (M.P.)

**Sumitabh Dwivedi**

**Manoj Kumar Kashyap**

**PRISMUL (Cement)**  
102600

**PRISM JOHNSON LIMITED**  
**SATNA (M.P.)**  
**AMBIENT NOISE MONITORING REPORT**  
**MONTH -OCTOBER**  
**YEAR- 2019**

1. Name and address of Factory

: **PRISM JOHNSON LTD.**  
**Prism Cement Limestone Mines**  
Village- Mankahari, Hinauti & Sijahata  
Post - Bathia  
Distt - Satna (M.P)- 485111

2. Name of person prepared the report

: Sumitabh Dwivedi

3. Details of noise monitoring

:

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	10.10.2019	66.9	48.5
2	Near Western side ML boundary (Pillar No. 14) of ML area	10.10.2019	56.7	48.0
3	Mankahari Village	12.10.2019	57.0	47.8
4	Hinouti village	12.10.2019	56.5	46.1

  
**Sumitabh Dwivedi**  
Manager – Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

**PRISM JOHNSON LIMITED  
SATNA (M.P.)**

**AMBIENT NOISE MONITORING REPORT**

**MONTH -NOVEMBER  
YEAR- 2019**

1. Name and address of Factory : **PRISM JOHNSON LTD.**  
**Prism Cement Limestone Mines**  
Village- Mankahari, Hinauti & Sijahata  
Post - Bathia  
Distt - Satna (M.P)- 485111
2. Name of person prepared the report : Sumitabh Dwivedi
3. Details of noise monitoring :

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	19.11.2019	59.07	50.8
2	Near Western side ML boundary (Pillar No. 14) of ML area	19.11.2019	55.37	48.85
3	Mankahari Village	22.11.2019	53.82	48.47
4	Hinouti village	22.11.2019	52.85	46.77

  
**Sumitabh Dwivedi**  
Manager - Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

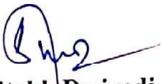
**PRISM JOHNSON LIMITED  
SATNA (M.P.)**

**AMBIENT NOISE MONITORING REPORT**

**MONTH - DECEMBER  
YEAR - 2019**

1. Name and address of Factory : **PRISM JOHNSON LTD.**  
**Prism Cement Limestone Mines**  
Village- Mankahari, Hinauti & Sijahata  
Post - Bathia  
Distt - Satna (M.P)- 485111
2. Name of person prepared the report : Sumitabh Dwivedi
3. Details of noise monitoring :

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	12.12.2019	61.17	51.6.8
2	Near Western side ML boundary (Pillar No. 14) of ML area	12.12.2019	54.12	54.40
3	Mankahari Village	14.12.2019	55.97	50.95
4	Hinouti village	14.12.2019	54.42	49.65

  
**Sumitabh Dwivedi**  
Manager - Environment

  
**Manoj Kumar Kashyap**  
Sr. General Manager

PRISM JOHNSON LIMITED  
SATNA (M.P.)

AMBIENT NOISE MONITORING REPORT

MONTH - JANUARY  
YEAR - 2020

1. Name and address of Factory : PRISM JOHNSON LTD.  
Prism Cement Limestone Mines  
Village- Mankahari, Hinauti & Sijahata  
Post - Bathia  
Distt - Satna (M.P)- 485111
2. Name of person prepared the report : Sumitabh Dwivedi
3. Details of noise monitoring :

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	09.01.2020	63	52.05
2	Near Western side ML boundary (Pillar No. 14) of ML area	09.01.2020	55.4	52.97
3	Mankahari Village	10.01.2020	65.15	50.55
4	Hinouti village	10.01.2020	54.9	49.8

  
Sumitabh Dwivedi  
Manager - Environment

  
Manoj Kumar Kashyap  
Sr. General Manager



Date

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**PRISM JOHNSON LIMITED  
SATNA (M.P.)**

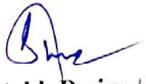
**AMBIENT NOISE MONITORING REPORT**

**MONTH - FEBRUARY  
YEAR - 2020**

1. Name and address of Factory : **PRISM JOHNSON LTD.**  
**Prism Cement Limestone Mines**  
 Village- Mankahari, Hinauti & Sijahata  
 Post - Bathia  
 Distt - Satna (M.P)- 485111
2. Name of person prepared the report : **Sumitabh Dwivedi**
3. Details of noise monitoring :

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	15.02.2020	61.3	52.27
2	Near Western side ML boundary (Pillar No. 14) of ML area	15.02.2020	55.37	52.12
3	Mankahari Village	18.02.2020	57.3	49.9
4	Hinouti village	18.02.2020	55.5	48.87

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**Sumitabh Dwivedi**  
 Manager - Environment

  
**Manoj Kumar Kashyap**  
 Sr. General Manager

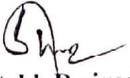
PRISM JOHNSON LIMITED  
SATNA (M.P.)

AMBIENT NOISE MONITORING REPORT

MONTH -MARCH  
YEAR- 2020

1. Name and address of Factory : PRISM JOHNSON LTD.  
Prism Cement Limestone Mines  
Village- Mankahari, Hinauti & Sijahata  
Post - Bathia  
Distt - Satna (M.P)- 485111
2. Name of person prepared the report : Sumitabh Dwivedi
3. Details of noise monitoring :

S. No	Locations	Date of monitoring	Noise level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	SW (BP No. 18)	12.03.2020	61.07	52.9
2	Near Western side ML boundary (Pillar No. 14) of ML area	12.03.2020	55.75	51.47
3	Mankahari Village	13.03.2020	55.02	50.4
4	Hinouti village	13.03.2020	54.92	49.7

  
Sumitabh Dwivedi  
Manager - Environment

  
Manoj Kumar Kashyap  
Sr. General Manager